

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-12. (Cancelled).

13. (Currently Amended) The method according to claim 18, An antireflection film forming method for optical fiber comprising:

~~dipping an optical fiber in a coating solution having a film forming material dissolved therein; and~~

~~forming an antireflection film on the end surface of the optical fiber, wherein the pulling speed is changed set, when the optical fiber is pulled up from the coating solution, to adjust the reflection reducing wavelength band of the antireflection film to be formed on the end surface of the optical fiber;~~

~~wherein the angle of the end surface of the optical fiber to the level of the coating solution is changed, when the optical fiber is pulled up from the coating solution, to adjust the reflection reducing wavelength band of the antireflection film to be formed on the end surface of the optical fiber.~~

14. (Currently Amended) The method according to claim 18, An antireflection film forming method for optical fiber comprising:

~~dipping an optical fiber in a coating solution having a film forming material dissolved therein; and~~

~~forming an antireflection film on the end surface of the optical fiber, wherein the pulling speed is changed set, when the optical fiber is pulled up from the coating solution, to adjust the reflectance of the antireflection film to be formed on the end surface of the optical fiber;~~

~~wherein the angle of the end surface of the optical fiber to the level of the coating solution is changed, when the optical fiber is pulled up from the coating solution, to adjust the reflection reducing wavelength band of the antireflection film to be formed on the end surface of the optical fiber.~~

15-17. (Canceled).

18. (New) A method for forming an antireflection film on an optical fiber, comprising the steps of:

dipping an optical fiber in a coating solution having a film forming material dissolved therein; and

forming an antireflection film on an end surface of the optical fiber,

wherein the end surface of the optical fiber is inclined at substantially 90° with respect to a level of the coating solution, when the dipped optical fiber is pulled up from the coating solution.